

ABSTRACT OF THE DISCLOSURE

In a system for performing encryption communications using a common key updated at a predetermined timing between a key transmitting device and a key receiving device, a common key encryption communication system comprising: a key transmitting device including first retaining unit for retaining a most-updated encryption key and a one-generation-anterior encryption key as the above common keys, and first setting unit for setting a one-generation-anterior encryption key for transmission and a most-updated encryption key and a one-generation-anterior encryption key for receipt, respectively; and the above key receiving device including second retaining unit for retaining a most-updated encryption key and a one-generation-anterior encryption key as the above common keys, and second setting unit for setting a most-updated encryption key for transmission, and a most-updated encryption key and a one-generation-anterior key for receipt, respectively.